

DRILL HOLES

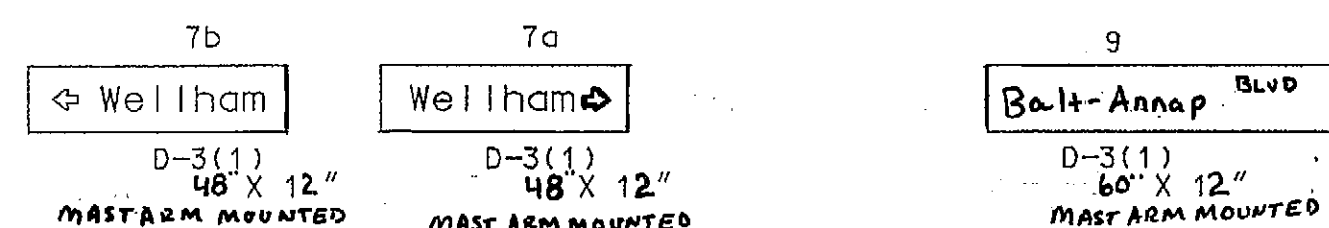
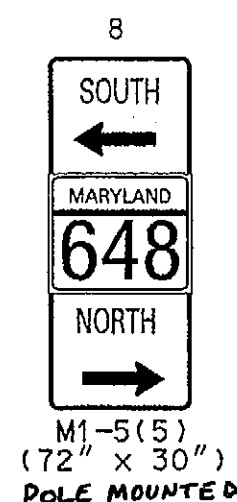
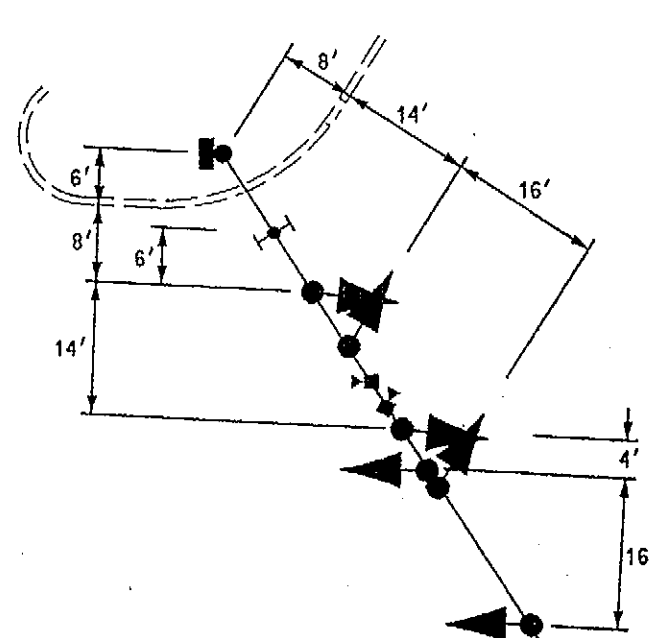
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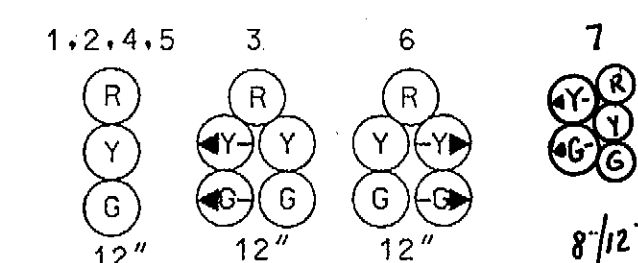
BORDER REV. DATE: June 1, 2004

NOTE: MD 648 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

PROPOSED SIGNS

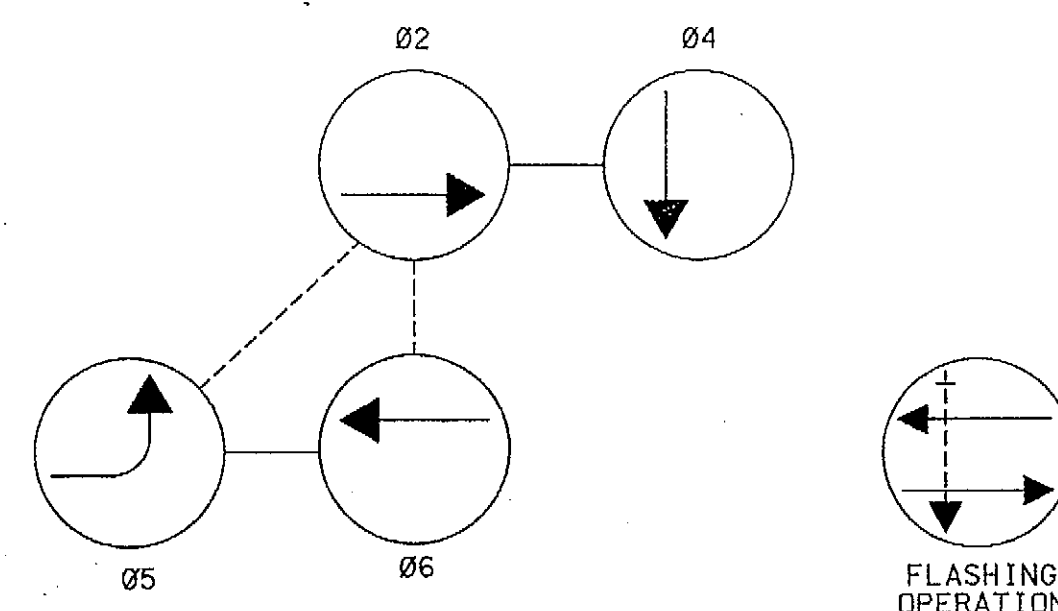
POLE AND SIGNAL HEAD DIMENSIONS
SCALE: 1" = 20'

PROPOSED LED SIGNALS



VIDEO DETECTION CAMERA (a,b,c)

NEMA PHASING

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

TO E. FIRST AVE.

MD 648 (BALTO. ANNAP. BLVD.) (N.B.L.)

MD 648 (BALTO. ANNAP. BLVD.) (S.B.L.)

TO FERNDAL ROAD

CONSTRUCTION DETAILS

- Install 21' steel pole with a 60' mast arm, traffic signal heads, signs, video detector cameras, and electrical service equipment as shown. (Note: 2-3", 90° polyvinyl chloride (Schedule 80) bends.)
- Install NEMA size "5" pole-mounted cabinet and controller with 3" LB, video interface and all necessary equipment as shown.
- Install handhole.
- Install micro-loop probes as shown.
- Install 2-3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- Remove existing stopline and install 24" white, heat applied permanent preformed thermoplastic pavement marking (stopline) in same location.
- Remove existing signal pole, all attached signal equipment and foundation 12" below grade. Install concrete sidewalk section. (Note: SHA Forces shall remove controller & all auxiliary equipment within cabinet.)
- Remove existing signal pole, all attached signal equipment and foundation 12" below grade.
- Remove existing handhole. Cap and abandon existing conduit.
- Abandon existing loop detector.
- Abandon existing micro probe.
- Existing overhead electrical service to be removed.
- Install manhole.
- Install 1" galvanized steel electrical conduit (detector wire sleeve).
- Overhead electrical service to be installed by BGE. The existing overhead electrical service should be able to be reused and installed as a "work with" pending BGE inspection.

AERIAL UTILITY HEIGHTS

TELEPHONE	16'-7"
TELEPHONE	16'-10"
TELEPHONE	16'-3"
TELEPHONE	18'-4"
TELEPHONE	20'-0"
TELEPHONE	21'-0"
TELEPHONE	22'-0"
TELEPHONE	28'-4"
TELEPHONE	30'-0"

GUY	26'-0"
GUY	27'-0"
GUY	30'-0"

GENERAL NOTES:

- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections. Highest Roadway Profile Grade for open sections, to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, and MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- All pavement markings detailed are proposed and are to be installed in accordance with SHA standards.
- The contractor shall remove all unused wiring.

TOD NO: XX647-15
SHA NO: AA127B59
MD 648 @ MD 176 to Wellham AvenueSTATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATIONMD 648 (BALTO. ANNAP. BLVD.)
AND WELLHAM AVENUE
FERNDAL, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE 10-3-77 CONTRACT NO. AA112-501-585

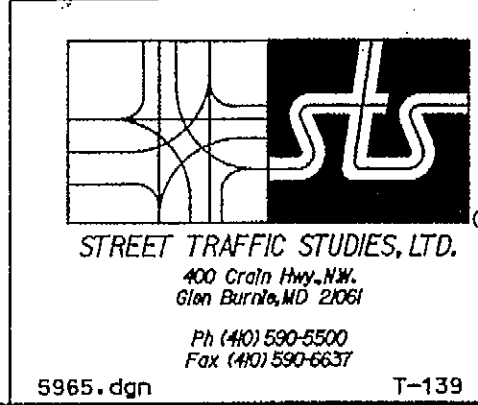
DESIGNED BY D.DODA COUNTY ANNE ARUNDEL
DRAWN BY DODGE-GLENIS HARRIS LOGMILE 02E64804.94
CHECKED BY A.BUDNICHUK TMS NO.
F.A.P. NO. TOD NO.

TS NO. 1356D DRAWING NO. 1 OF 7 SHEET NO. OF

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE
ELECTRIC
TELEPHONE
GAS
SEWER
WATER
CABLE TV

5965.dgn T-139

APPROVALS

TEAM LEADER
ASST. DIV.
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

11-16-2011 REBUILD SIGNAL AND ADD INTERCONNECT
SHA # XX647-15
TIMS NO. 0799
09/05 INSTALL VIDEO DETECTION
TIMS NO. 0454
10-3-77 ASBUILT
AA112-501-585
TMZ E.P. D.A.Z.PLOTTED: *DATE/TIME*
FILE: *FILES*